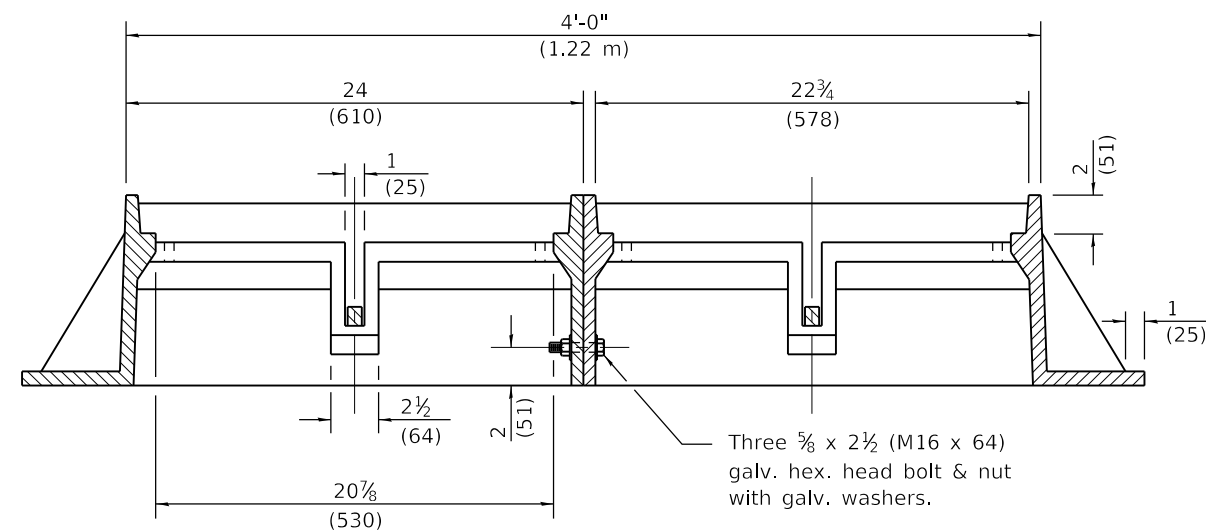
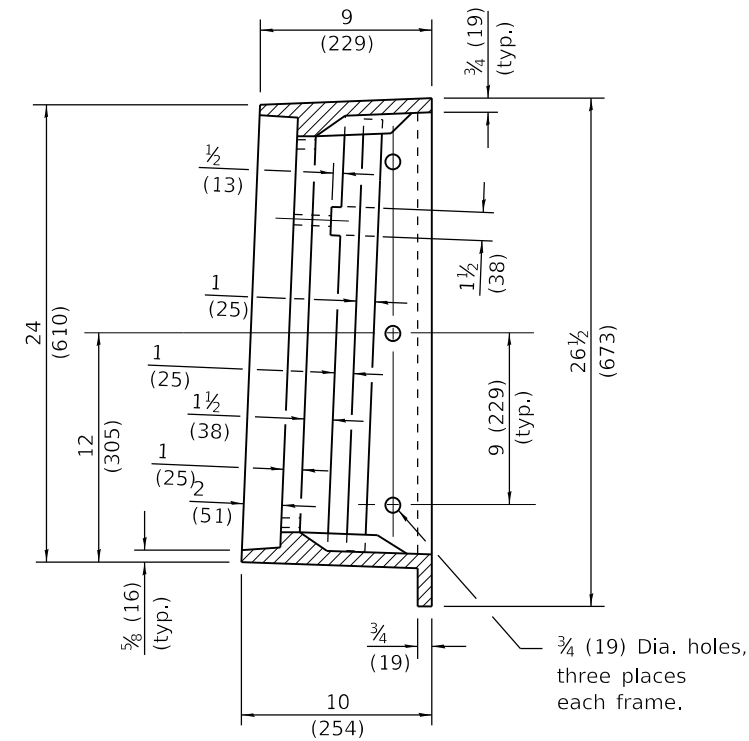


**PLAN**

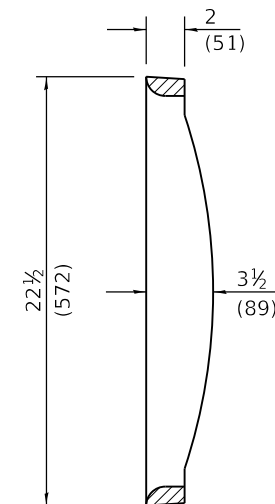
**CAST FRAME**



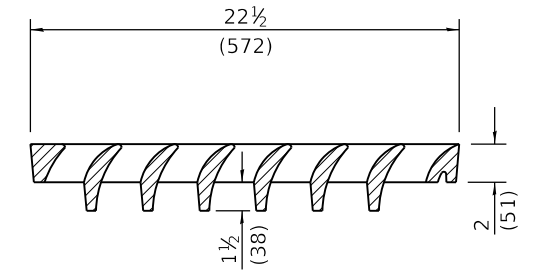
**SECTION A-A**



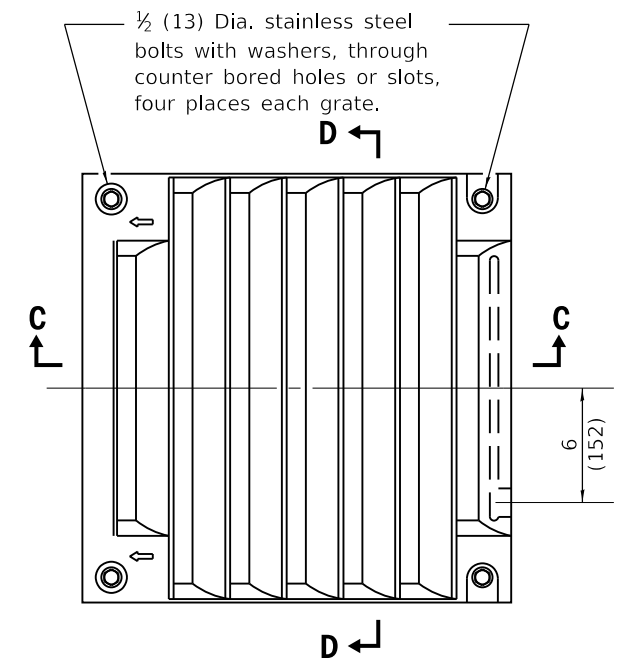
**SECTION B-B**



**SECTION D-D**



**SECTION C-C**



**CAST GRATE**

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	
PASSED	January 1, 2009
ENGINEER OF POLICY AND PROCEDURES	
APPROVED	January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT	
ISSUED 1-1-97	

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Revised frame flanges, changed to a bolt down grate w/ deeper vanes.

## FRAMES AND GRATES TYPE 22

**STANDARD 604081-04**